

**FINAL
NAVAL STATION TREASURE ISLAND
BASE REALIGNMENT AND CLOSURE CLEANUP TEAM
MEETING MINUTES
AUGUST 21, 2013**

These minutes summarize discussions with the Department of the Navy Base Realignment and Closure (BRAC) Cleanup Team (BCT) for the former Naval Station Treasure Island (NAVSTA TI). The meeting began at 10:00 a.m. on August 21, 2013, at the office of Tetra Tech EM Inc. (Tetra Tech) in Oakland, California.

The following participants attended the meeting:

Bob Beck, Treasure Island Development Authority (TIDA)	Anthony Konzen, Navy
Bob Burns, NGTS Inc. (consultant to Treadwell & Rollo and TIDA)*	Jacques Lord, Navy*
Bill Carson, Terraphase Engineering (consultant to Treasure Island Community Developers [TICD])	Jessica O'Sullivan, Tetra Tech
Dave Clark, Navy	Nihal Oztek, Tetra Tech
Zach Edwards, Navy Radiological Affairs Support Office (RASO)*	Ron Pilorin, CDPH EMB*
Keith Forman, Navy	Christina Rain, Treadwell & Rollo (consultant to TIDA)
Danielle Janda, Navy	Marcie Rash, Tetra Tech*
Carolyn Jones, San Francisco Public Utilities Commission (SF PUC)*	Remedios (Medi) Sunga, California Department of Toxic Substances Control (DTSC)
Tracy Jue, California Department of Public Health (CDPH) Environmental Management Branch (EMB)*	Tommie Jean Valmassy, Tetra Tech
	Matt Wright, CDPH EMB*
	Myriam Zech, Regional Water Quality Control Board (Water Board)

* indicates attendee participated via telephone

I. Introductions, Meeting Guidelines, Agenda Review, and Meeting Minutes

Tommie Jean Valmassy (Tetra Tech) began the meeting with introductions. Jessica O'Sullivan (Tetra Tech) noted that the minutes from the June and July 2013 BCT meetings will be distributed soon.

II. Site 12 Non-Time Critical Removal Action (NTCRA) Update

Site 12 – Phase I

Anthony Konzen (Navy) provided an update on the Site 12 Phase I work. Mr. Konzen said the Navy has coordinated schedules with the CDPH Radiologic Health Branch (RHB) to conduct verification surveys of Buildings 1321 and 1123. The buildings are not expected to be

radiologically contaminated; however, all portals of entry and exteriors will be evaluated to ensure there was no post-habitation tracking of radiological material.

Medi Sunga (DTSC) asked if building slabs will be removed in all three phases. Dave Clark (Navy) said some slabs will be removed in Phase I and also in Phase III; Phase II does not include any slab removal.

Mr. Konzen said building demolition, cleanup beneath buildings, and removal of hot spots will all be included in the Solid Waste Disposal Area (SWDA) A&B draft post-construction summary report (PSCR). The Navy will not be requesting free release with this document. Mr. Konzen explained the SWDA A&B PCSR is being re-issued as a draft and is being prepared by Chicago Bridge & Iron (CB&I) (formerly Shaw). The re-issued draft will contain additional data from the field work conducted at Westside Drive.

Site 12 – Phase II Hot Spot

Mr. Konzen provided an update on Site 12 Phase II Hot Spot Non-Time Critical Removal Action (NTCRA)/Building Demolition. Building 1121 will be the first building demolished at Site 12; demolition is expected to occur within the next few weeks. CDPH RHB is completing radiological verification scans of Building 1323 during the week of August 19, 2013, and the data package will be completed the week of August 26. Building 1323 will be demolished in late September/early October.

Mr. Konzen said the Navy completed a removal action for radiologically elevated areas, as noted on the map on slide 1. Metal fragments were found in shallow soil (down to 1 foot) during the removal action. Scans showed these fragments were consistent with background levels. All data associated with this removal will be included in the draft removal action completion report (RACR) and final status survey (FSS), which will be issued draft in October.

Ms. Sunga clarified that only CDPH RHB will need to review the radiological survey data, and not DTSC or CDPH EMB. Mr. Konzen agreed. Ms. Sunga asked if the FSS will request free release for only the two hot spots. Mr. Konzen said the FSS will be included as an appendix or additional data during Phase III when free release is requested for all of the SWDAs.

III. Building 233 Update

Mr. Konzen provided an update on the work at Building 233. The outgoing pipes at locations 1 through 7 on the figure are being covered with a protective outer pipe and steel plate shield. Contaminated soil around the pipes has already been characterized and removed. Removal of the pipes will be completed under another contract. A draft FSS work plan will be submitted to the BCT before the end of August, and then field work will take place in September and October.

All 65 red bins have been removed. Remaining soil and asphalt are staged for future use.

IV. Radiological Scanning Efforts

Danielle Janda (Navy) provided an update on radiological surveys throughout TI. She noted a primary purpose of the scans at Site 12 (in addition to confirming previous CDPH scans) is to

provide additional data for the Historical Radiological Assessment Supplemental Technical Memorandum (HRASTM), and not to achieve radiological free release at the site. Surface scanning at Site 12 will include backyards, carports, and common areas. Class 2 surveys will be conducted at areas where there are known or suspected radiological impacts, such as the USS Pandemonium Site and areas adjacent to the SWDAs. Class 3 surveys will be conducted in all remaining areas, where no radiological impacts are suspected. A work notice will be sent to residents to inform them of the start date. Keith Forman (Navy) said the Navy will meet with TIDA and the Treasure Island Homeless Development Initiative (TIHDI) to discuss the work this week. Bill Carson (Terraphase) asked if the Class 2 surveys will include discrete soil samples. Ms. Janda replied affirmatively. She also said the samples will be collected at a denser grid, meaning more samples per square foot, in the Class 2 survey units. Mr. Carson asked when the surveys will be completed and how many samples will be collected per square foot in each class. Ms. Janda said the sampling will be conducted simultaneously with the walkover scans so that the contractor presence in each area is limited. She will provide him the samples per square foot information for each survey class after the meeting. Mr. Carson asked if the BCT should expect to see some initial results by the October BCT meeting. Ms. Janda responded affirmatively; she added that the Navy hopes to complete all five sections by the middle of November.

Mr. Carson asked if the Navy considers all utility scans at Building 233 to be complete. Ms. Janda said there are still wastewater and storm lines outside of the B233 footprint that will be surveyed. Mr. Carson asked when those surveys will be complete. Ms. Janda said some are part of the ITSI scanning project and others will be completed under a new contract to be awarded at the end of fiscal year 2013. Ms. Janda added that the south side of Building 233 is within the current scope; however, investigation of the storm pipes leaving the building toward the outfall was not covered in the current contract. Mr. Clark said a general description of the status of each pipe exiting the Building 233 area will be in the draft characterization report for Building 233. Mr. Carson asked if, when the miscellaneous radiological scans planned for Building 233 are complete, the Navy is done with radiological scans of Building 233. Mr. Clark confirmed characterization and FSS will be complete for the Building 233 footprint. However, all sanitary and storm lines outside of the footprint will be addressed as necessary in upcoming scanning projects.

Ms. Janda discussed the figure indicating the seven other project areas on TI that will be scanned (including the Building 233 utilities). IR Site 20 is not expected to be radiologically impacted; however, the Navy has decided to include it in the scanning efforts because it is within Site 12. The 3-dimensional survey at the 1400 series housing will be randomized samples collected below ground surface to determine if further investigation is needed.

Carolyn Jones (SF PUC) asked about the anticipated timeframe for the selected wastewater pipes throughout TI. Mr. Clark said it will occur in 2014, but there is no schedule yet. Ms. Jones asked if the surveys will include the material inside as well as outside of the pipes. Ms. Janda said the surveys will collect the sediment inside the pipes, run a radiological probe through them, and collect samples outside of the pipe.

Mr. Carson asked if all of these projects will be completed before the HRASTM is finalized. Mr. Clark said the only project that will need to be incorporated into the HRASTM is the 1400

series housing survey, so it is on a different track than the other radiological efforts. The remaining six project areas listed on the handout as Part II of the radiological surveys will be investigated under future contracts.

V. Sites 31 and 33 Update

Ms. Janda provided an update on Sites 31 and 33. ITSI Gilbane is reviewing the previous work plans and documents. An FSS will not be completed for Site 33 because it is not radiologically impacted. Mr. Carson asked if all that is remaining at Site 33 is to complete the field work. Ms. Janda replied affirmatively.

VI. Site 27 Update

Jacques Lord (Navy), the new remedial project manager (RPM) for Site 27, provided an update. The contractor has installed a silt curtain and dredging was scheduled to start the week of August 19. However, no tugboats were available. A tugboat will be available Monday, August 26, so dredging will start the following day. Water traffic beneath the Bay Bridge is also restricted during the Caltrans closure of the bridge over Labor Day weekend. Only one load of dredged sediment will likely be transported to Alameda before the closure of the Bay Bridge. The rest of the transport will be completed once the bridge is reopened in September. If the dredge soils do not meet Site 1 acceptance criteria at Alameda, they will be disposed of as hazardous material. However, Mr. Lord noted the initial results have met the criteria for use as subgrade landfill material at Site 1. The weather forecast indicates the next few months will be dry, although the Navy is prepared for a delay in dewatering should it rain. The Tetra Tech biologist to be on site during the field work is in constant contact with the California Department of Fish and Wildlife.

Mr. Forman shared concerns brought up during the Restoration Advisory Board (RAB) meeting about whether Site 27 work will interfere with the dragon boat races the weekend of September 14. He recalled the contractor repositioned its staging areas to accommodate the races, and asked Mr. Lord to confirm that their presence will not interfere with the races. Mr. Lord will verify with the contractor that its work will not interfere with the boat races.

Myriam Zech (Water Board) asked what activities of the brown pelican are to be avoided. She is concerned that their season extends until September 30. Mr. Lord said their activities could be nesting and feeding, and the biologist will determine on a daily basis whether the field work is disturbing them.

VII. Historical Radiological Assessment – Supplemental Technical Memorandum Update

Mr. Clark provided an update on the HRASTM. The research effort has provided general information to help support existing conceptual site models. In addition, historical photographs of the incinerator and possible interviewees have been found. The Navy RASO will assist with conducting interviews. Nothing definitive was discovered for the past use of radium foils. The 1400 series housing survey is the primary driver of the HRASTM schedule. Matt Wright (CDPH EMB) asked how far below the subsurface the Navy plans to conduct the 3-dimensional sampling, and the subsurface extent of each SWDA. Mr. Clark said the 1400 series housing area

is not within the SWDA boundary and sampling will generally be to a 4-foot depth, which was the depth of grading for those homes.

Mr. Forman said there is no evidence from reviewing the chronology of the movement and previous data that the 1400 series housing area would be radiologically impacted. The interviews will be a key component to obtain a clear picture. One potential interviewee is the engineer who originally designed the blueprints for the grading plans for those homes. Mr. Carson expressed his interest that if the 3-dimensional investigation at the 1400 series housing indicates the area is not radiologically impacted, the BCT agree that it is acceptable to not list the area as impacted in the HRASTM.

VIII. Upcoming Documents and Field Activities

Upcoming Documents

Mr. Clark reviewed the document tracking sheet (DTS) and highlighted the upcoming documents anticipated for draft or final delivery and agency reviews due within the next 30 days. He noted the SWDA A&B PCSRs for Phase II and Phase II Hot Spots (items #5 and #6) may be combined since neither document requests free release.

The Navy will ask the agencies for an expedited review of the Site 31 Remedial Action Work Plan Amendment (item #9) since there will be no substantive changes to the plan other than the change in contractor. The Site 33 RACR (item #12) will likely be delivered to the agencies in March 2014.

Mr. Forman noted comments are due during the week of August 26 on the 2013 Sites 6, 12, 21, 24 Groundwater & Soil Gas Work Plan/Sampling Analysis Plan (item #17). Mr. Carson asked when the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) process merges with the radiological investigations for Site 12. Mr. Clark said the two programs will be separate almost until the 5-year review process; there will be a separate Record of Decision (ROD) for the SWDAs from the remainder of Site 12. Mr. Forman noted the draft Site Management Plan (SMP) provides a simplified flowchart for Site 12, integrating the schedule for CERCLA and the radiological program.

Field Schedule

Mr. Clark reviewed the field activities scheduled to begin within the next 30 days.

IX. RAB Meeting Agenda / Community Relations Update

Ms. Valmassy provided an update on the status of the NAVSTA TI Community Relations Plan (CRP). Twenty-six interviews were completed, and included residents, businesses, RAB members, Community Advisory Board (CAB) members, schools, community organizations, and one elected official. This CRP will read differently than the previous as the interviews were more conversational. She said Mr. Forman answered questions during the interviews and, in a way, this process became part of the outreach. A main concern was residents having difficulty identifying what issues should be referred to their housing manager, and which concerns need to be addressed by the Navy.

A tour for RAB members was held the hour prior to the previous night's RAB meeting. Mr. Carson asked how many people were present at the meeting. Ms. Valmassy said about seven members of the public attended. The next RAB meeting is planned for October 15, 2013.

Mr. Forman said that during the CRP interview, City and County of San Francisco Supervisor Jane Kim's staff said she is willing to hold additional office hours on TI, and would like to have a TIDA and a Navy representative present during her office hours to assist with questions from the community. Mr. Forman said the environmental cleanup project will become more visible as remediation progresses and the community will be affected to a greater degree. Mr. Forman said the Navy, TIDA, and the John Stewart Company will all need to work together to communicate with residents.

Bob Beck (TIDA) said TIDA wants to work with the Navy, and that the communication process is easier if people receive information in advance. Mr. Forman agreed, and said there are various suggestions for conducting outreach provided by residents during the CRP interviews.

X. Open Forum for City / Developer / BCT

TIDA meeting update: Mr. Beck said there was no TIDA meeting or CAB meeting in August. He said the National Night Out event was well attended, with 100 residents participating.

Mr. Forman said there will be more involvement from TIDA when additional buildings are demolished at Site 12. There are 15 buildings outside of the SWDAs that will likely be removed, but residents will be informed long before they will have to be relocated. Mr. Wright asked if that list of buildings has been distributed. Mr. Forman said it has not been distributed and that they are not radiologically impacted.

XI. Action Item Review / Other Meetings

Ms. Valmassy reviewed the action items and noted the outstanding, completed, and new action items from the meeting.

Outstanding Action Items:

- *Ms. O'Sullivan will update and distribute the BCT contact list.*

New Action Items:

- *Ms. Janda will verify the number of samples per square foot in the Site 12 Class 2 surveys and inform Mr. Carson.*
- *Mr. Lord will verify the Site 27 work will not interfere with the dragon boat races the weekend of September 14.*

Future Agenda Items:

Ms. Valmassy asked for any additional agenda items to be included for the next BCT meeting; none were requested.

Next meetings:

- September 18, 2013, Tetra Tech, Oakland, California
- October 16, 2013, Tetra Tech, Oakland, California
- November 20, 2013, Tetra Tech, Oakland, California

The meeting adjourned at 12:00 p.m.

AUGUST 2013

HANDOUTS

(55 Pages)

**AGENDA
NAVAL STATION TREASURE ISLAND
BRAC CLEANUP TEAM MEETING**

Date: Wednesday, August 21, 2013

Time: 10:00 a.m. to 12:00 p.m.

Place: Tetra Tech, 1999 Harrison Street, Suite 500, Oakland, CA

Dial In: [REDACTED]

Meeting ID#: [REDACTED]

Webinar link: [REDACTED]

****NOTE:** If this is your first webinar, please log-in 10 minutes early to ensure your computer can sync with GoToMeeting webinars.

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|---------------|--|
| 10:00 – 10:05 | Introductions, Meeting Guidelines, Agenda Review, Meeting Minutes
(Keith Forman) |
| 10:05 – 10:20 | Site 12 Non-Time Critical Removal Action Update (Tony Konzen) |
| 10:20 – 10:30 | Building 233 Update (Tony Konzen) |
| 10:30 – 10:50 | TI Radiological Scanning Efforts (Danielle Janda) |
| 10:50 – 11:05 | Sites 31 and 33 Update (Danielle Janda) |
| 11:05 – 11:20 | Sites 27 Update (Jacques Lord) |
| 11:20 – 11:30 | Historical Radiological Assessment – Supplemental Technical Memorandum Update (Dave Clark / Keith Forman) |
| 11:30 – 11:40 | Upcoming Documents and Field Activities (Dave Clark) |
| 11:40 – 11:45 | RAB Meeting Update / Community Relations Update (Keith Forman / Tommie Jean Valmassy) |
| 11:45 – 11:55 | Open Forum for City / Developer / BCT <ul style="list-style-type: none">• August 14 TIDA meeting update |
| 11:55 – 12:00 | Action Item Review / Other Meetings (Keith Forman) |

Future BCT Meetings:

September 18, 2013, Tetra Tech Inc., Oakland, California

October 16, 2013, Tetra Tech Inc., Oakland, California

November 20, 2013, Tetra Tech Inc., Oakland, California

Treasure Island BCT Meeting

Sign-in Sheet

Date:
August 21, 2013

Time:
10:00 AM – 12:00 PM

Location:
Tetra Tech, 1999 Harrison Street, Suite 500, Oakland

Sign In	Name	Organization	Phone	Email
	Allen Baradar	Caltrans	(510) 286-5000	allen.baradar@dot.ca.gov
	Bryce Bartelma	Navy	(619) 532-0975	bryce.bartelma.ctr@navy.mil
Present	Bob Beck	TIDA	(415) 274-0662	bob.beck@sfgov.org
	Bill Carson	Terraphase	(510) 388-8745	william.carson@terraphase.com
present	David Clark	Navy	(619) 532-0973	david.j.clark2@navy.mil
phone	Zach Edwards	Navy RASO	(757) 887-7762	zachary.edwards@navy.mil
Present	Keith Forman	Navy	(619) 532-0913	keith.s.forman@navy.mil
	Chris Glenn	Treadwell & Rollo	(510) 874-7074	cglenn@langan.com
Present	Danielle Janda	Navy	(619) 532-0796	danielle.janda@navy.mil
	Quinn Johnson	Tetra Tech	(510) 302-6247	quinn.johnson@tetrattech.com
phone	Carolyn Jones	SF PUC	(415) 550-3577	cjones@sfgwater.org
phone	Tracy Jue	CDPH EMB	(916) 324-4804	tracy.jue@cdph.ca.gov
Present	Tony Konzen	Navy	(619) 532-0924	anthony.konzen.ctr@navy.mil
phone	Jacques Lord	Navy	(619) 532-0902	jacques.lord.ctr@navy.mil
	Radhika Majhail	DTSC	(916) 255-6681	radhika.majhail@dtsc.ca.gov
	Gary Munekawa	Navy ROICC	(650) 603-9834	gary.munekawa@navy.mil
present	Jessica O'Sullivan	Tetra Tech	(510) 302-6235	jessica.osullivan@tetrattech.com
Present	Nihal Oztek	Tetra Tech	(510) 302-6337	nihal.oztek@tetrattech.com
phone	Ron Pilorin	CDPH EMB	(916) 449-5664	ronald.pilorin@cdph.ca.gov
phone	Marcie Rash	Tetra Tech	(510) 302-6324	marcie.rash@tetrattech.com

Treasure Island BCT Meeting Sign-in Sheet

Sign-in Sheet

Date: August 21, 2013	Time: 10:00 AM – 12:00 PM	Location: Tetra Tech, 1999 Harrison Street, Suite 500, Oakland
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Time: 10:00 AM – 12:00 PM	Location: Tetra Tech, 1999 Harrison Street, Suite 500, Oakland
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Location:
Tetra Tech, 1999 Harrison Street, Suite 500, Oakland

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Naval Station Treasure Island



Site 12 – Phase I NTCRA/Building Demolition Update

August 21, 2013

Tony Konzen, P.G., Project Manager
Contracted Support for Navy BRAC



Phase I Completion Schedule



- Late 2012: Began 1321 building survey, asbestos and lead based paint surveys
- Week of June 26: De-energized and disposed of compressed gas cylinders (completed)
- June - July: Complete asbestos and lead based paint surveys on Building 1321
- June 2013: Begin 1123 building survey, asbestos, and lead based paint
- July 22 – Aug 22: CDPH verification survey for Building 1321 (1-page rad survey summary report currently being prepared for CDPH)
- Aug 2 – Sep 6: Prepare Building 1321 for demolition, demolish structure and remove debris



Phase I Completion Schedule (Cont'd)



- Aug 2 – Aug 16: Complete asbestos and lead based paint surveys on Building 1123
- Aug 26– Aug 30: CDPH verification survey for Building 1123
- Aug 19 – Oct 3: Prepare Building 1123 for demolition, demolish structure and remove debris
- Aug 15 – Jan 13: Foundation removal/excavate beneath buildings
- Oct 7 – June 2014: Excavate radiologically elevated areas around Buildings 1321, 1119, and 1121
- July 2014: Demobilize from site



Building 1123



Building 1123 – West side facing the Bay



Technician performing survey on floor level window opening



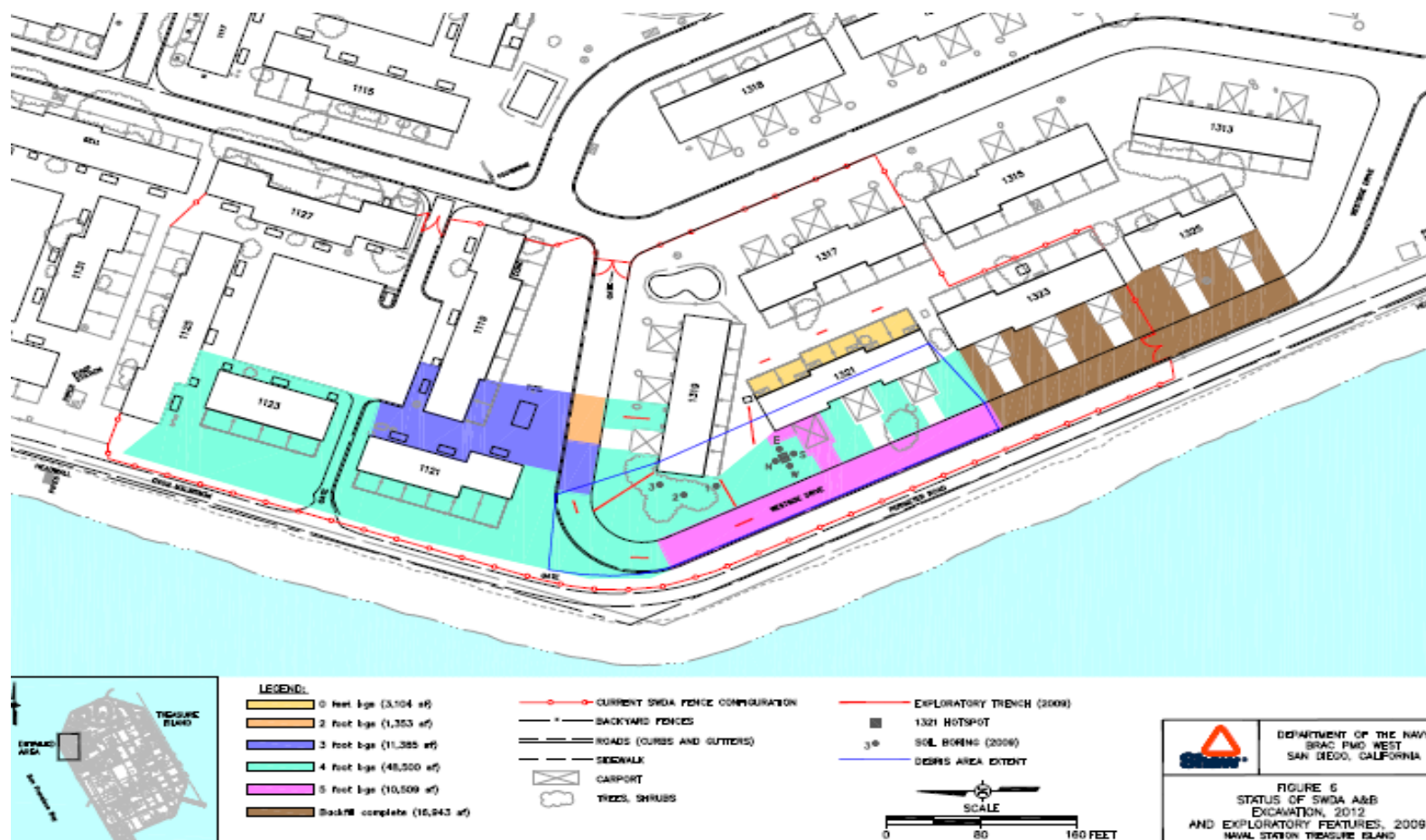
SWDA A&B



Work Performed in June 2011 to Remove Hot Spot Near Building 1321



SWDA A&B (Cont'd)



Map of SWDA A&B Westside Drive



Site 12 Documents



- Bayside (SWDA 1207/1209) and North Point (SWDA 1231/1233) Removal Action Post-Construction Summary Report
 - The Final PCSR was issued in July.
- SWDA A&B Draft Post-Construction Summary Report
 - The document will be re-issued as a Draft in May 2014.



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QUESTIONS?



Naval Station Treasure Island



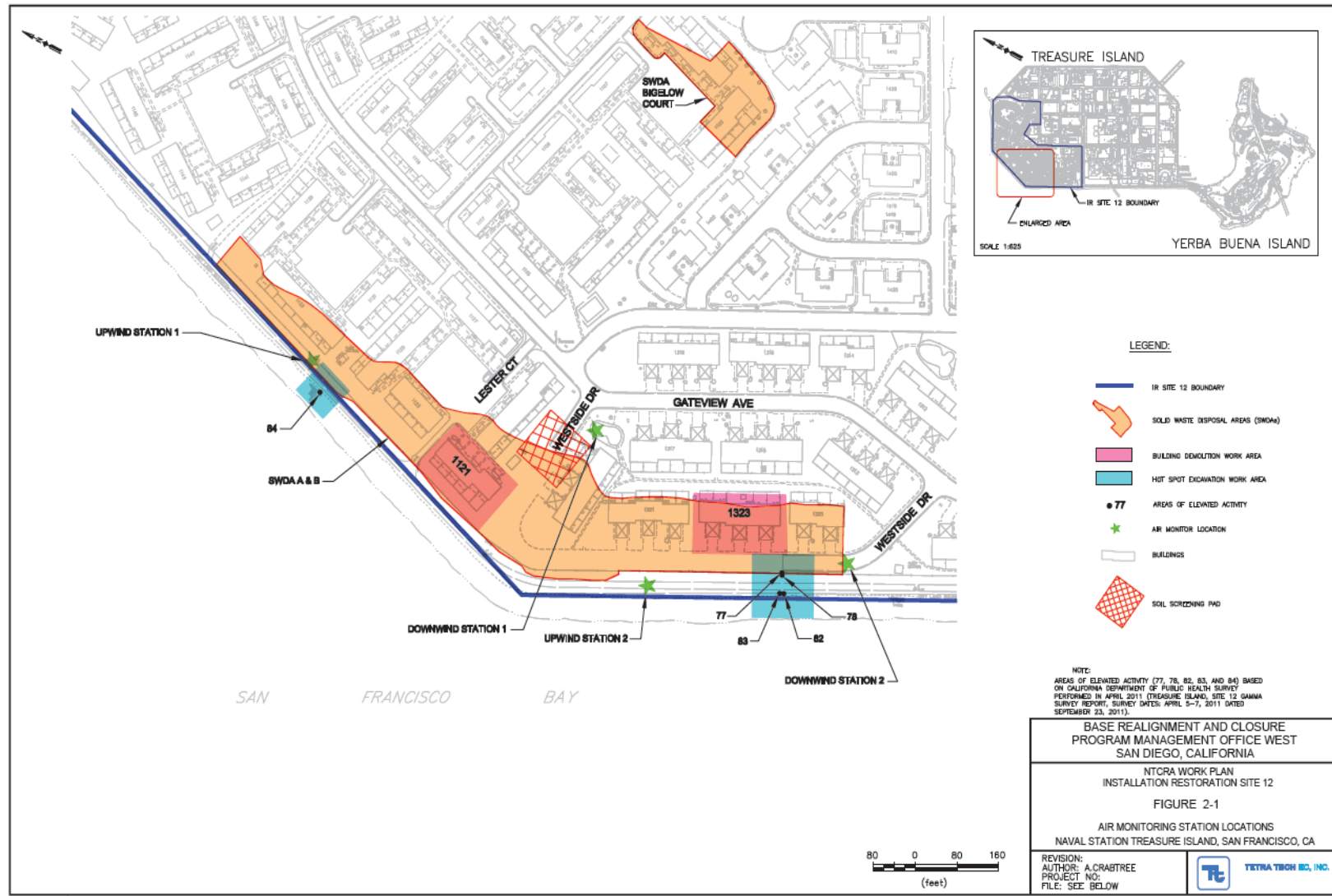
Site 12 – Phase II NTCRA/Building Demolition Update

August 21, 2013

Tony Konzen, P.G., Project Manager
Contracted Support for Navy BRAC



NTCRA Work Areas



P:\CADD\Project Files\Treasure Island\CAD Files\DWG\NTCRA - Figure 2-1.dwg

03/11/19



Schedule



Building 1121

- May 20 – Aug 20: Building preparation, radiologically scan the building, asbestos abatement (99% Completed – static verification readings in one survey unit being collected)
- July 17 – Current: Navy and DTSC/CDPH review of radiological survey data/CDPH performs confirmatory scans (CDPH performed one round of confirmatory scans)
- TBD: Building demolition and debris disposal



Schedule (Cont'd)



Building 1323

- June 1 – July 15: Primary asbestos and lead based paint abatement (completed)
- July 15 – Sept 1: General building demolition preparation, complete asbestos abatement in secondary areas, radiologically scan the building
- Sept 1 – Sept 20: Navy and DTSC/CDPH review of radiological survey data/CDPH performs confirmatory scans
- Sept 23 – Oct 7: Building demolition and debris disposal



Schedule (Cont'd)



Removal Action for Radiologically Elevated Areas

- June 28: Excavation and backfilling of northern and southern elevated areas completed.

Reporting

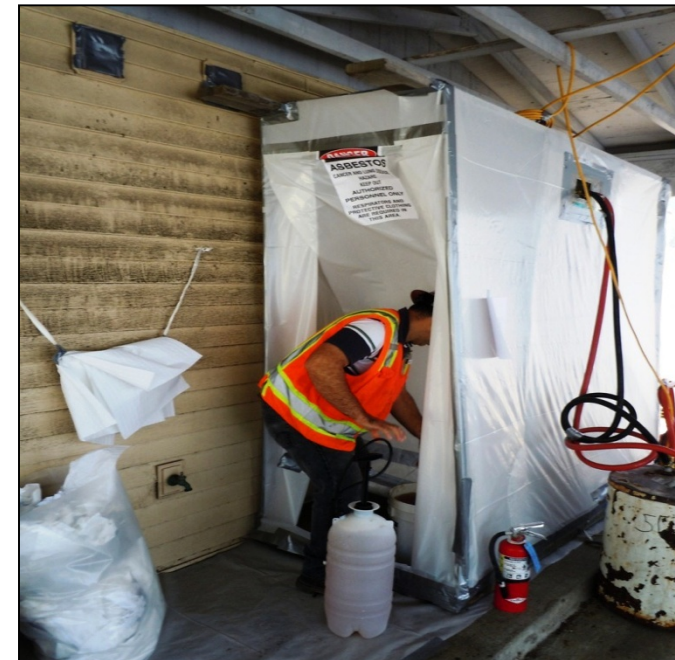
- October 2013: Draft Removal Action Completion Report (RACR) and FSS report to BCT



Building 1121 – Asbestos Mitigation



Negative pressure equipment



Decontamination area



Buildings 1121 – Radiological Surveys



Technicians doing wall and floor surveys

Scanning grids in stairwell walls



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QUESTIONS?



Naval Station Treasure Island



Building 233 Update

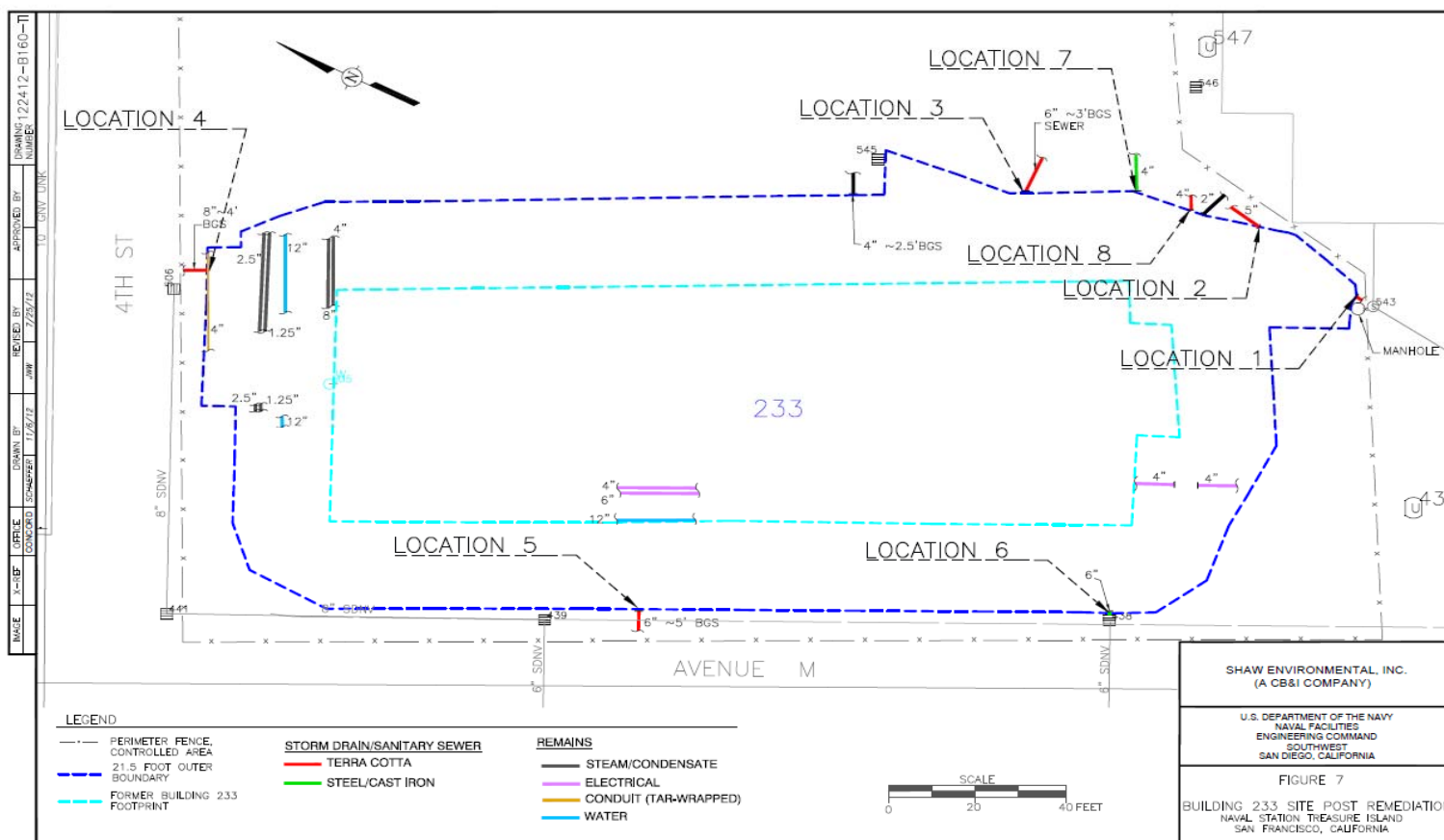
Tony Konzen

Project Manager
Contracted Support to NAVFAC BRAC PMO
BRAC Program Management Office West

August 21, 2013



Building 233 Boundary



Piping stub locations 1-5 and CB438



Building 233 Site



Pipe #1 stub-out with protective outer pipe and steel plate shield (above)

Southerly view of Pipe #1 shielding (right)





Building 233 Site



- Removed additional storm drain/sanitary sewer Line stubs to location outside of FSS footprint.
- Performed additional soil remediation at pipe location #3.
- Installed boundary/pipe end location plates.
- Completed characterization surveys in building and buffer area footprint.
- Preparing a Characterization Survey Report and FSS Plan (Draft in August)



Pipe location #3 remediation (above)



Looking west, pipe #5 stub-out location (left)



Building 233 Site



Building 233 site showing former building footprint
and bin staging to the east



Building 233 Red Bins



- All red bin soil has been placed in laydown pads and characterized with samples.
- The latest sample results to date show Ra-226 concentrations for soil, concrete and asphalt ranging from 0.1 to 0.986 pCi/g – within background for TI.
- All 65 bins have been demobilized from the site.
- Soil will remain at Building 233 site for grading and backfilling.
- Asphalt will remain on site for top surface covering.



Building 233 Schedule



- July 17 – 31: Remediate any remaining areas around piping or drain basins based on sample results
- August 29: Draft Characterization and FSS Work Plan
- Sept 26 – Oct 11: FSS Field Work
- Jan 9, 2014: Draft FSS Report to BCT



Questions





Naval Station Treasure Island



Radiological Surveys

BRAC Cleanup Team (BCT) Meeting
August 21, 2013



Current Scoped Project Areas



- Building 3
- Impacted wastewater drains downstream of Building 3
- Impacted wastewater drains downstream of former Buildings 7 and 233
- Site 12 land areas and paved roadways
- Major transportation routes between Site 12 and Site 6
- Site 32, Former Training and Storage Area; Building 462





Site 12 Survey Details



- Purpose:
 - Provide data for the HRASTM
 - Radiological Free Release is not the goal of this survey
- 100% surface scan of all areas, includes backyards
- Class 2 Survey Units:
 - 9th Street Recreation Area
 - USS Pandemonium Site
 - Areas Adjacent to SWDAs
- Class 3 Survey Units:
 - All other areas
- Roadways are classified the same as their surrounding areas



Field Work Update



- August 12 – 16: Mobilization
- August 19 – 23: Equipment Calibration, On-site Personnel Training, Begin Surface Scans

Two-Week Look Ahead

- August 26 – 30: Begin Surface Scans in Site 12
- September 2 – 6: Continue Surface Scans in Site 12





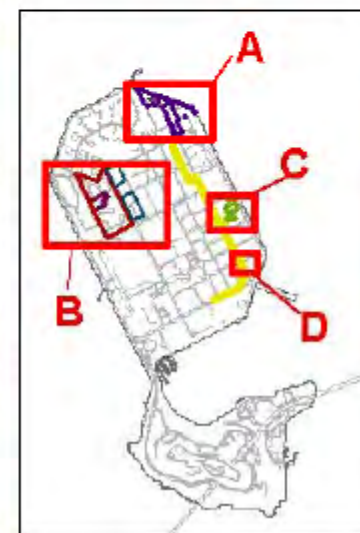
Miscellaneous Radiological Surveys Part II



1. Northeast Corner of Treasure Island (around IR Sites 6 and 32)
2. Selected Wastewater Pipes
3. IR Site 30, Daycare Center, and adjacent Areas (excluding Site 31)
4. Lot 69, Supply Depot Salvage Yard and RADIAC instruction building
5. Extended Building 233 Area
6. IR Site 20
7. 1400 Series Housing 3-Dimensional Survey



Miscellaneous Radiological Surveys Part II





Tentative Schedule



Contract Award	End of September 2013
1400 Series Project Plans	November 2013
1400 Series Sampling Field Work Begins	December 2013
Master Project Plans	January 2014
Radiological Survey Field Work Begins	March 2014



Treasure Island Remedial Action for Sites 31/33

Former Naval Station Treasure Island
BCT Meeting

August 21, 2013



Sites 31/33 Remedial Action

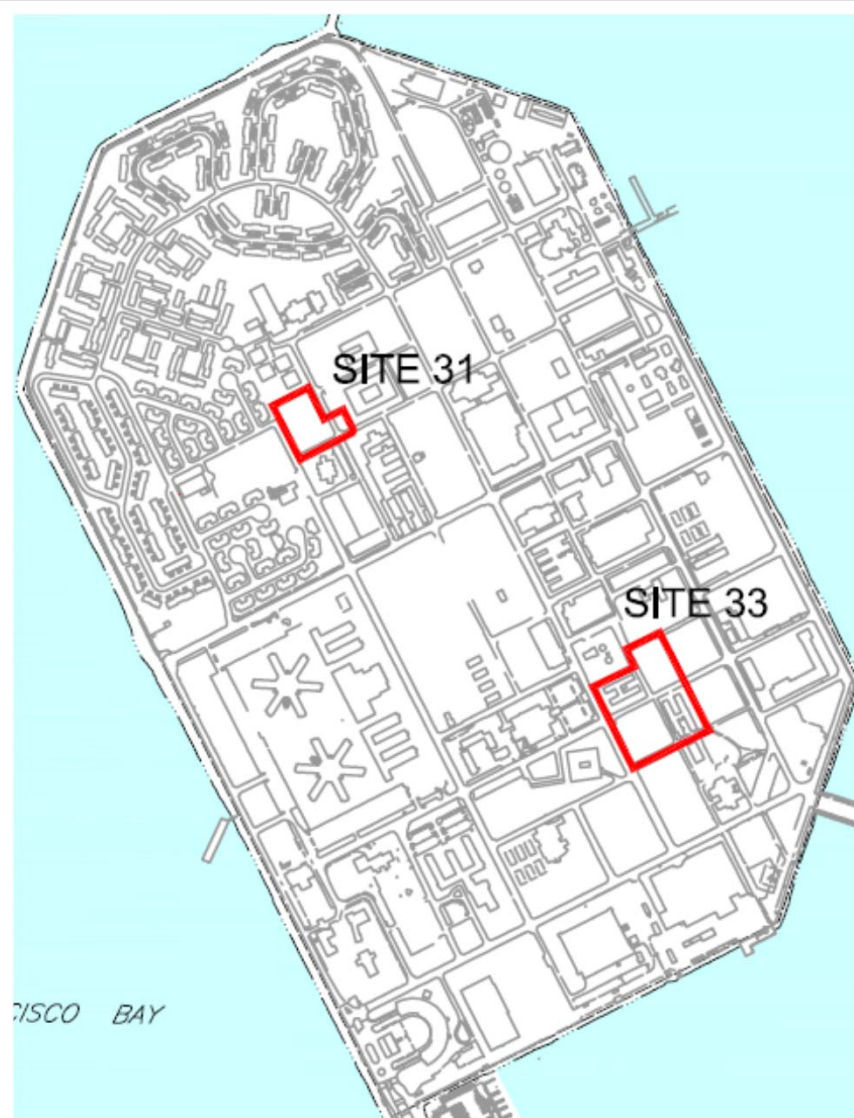


Site 31

- Radiologically impacted area
- Transport and dispose of existing stockpiles
- Perform FSS
- Backfill excavated areas
- Complete RACR

Site 33

- Transport and dispose of existing stockpiles
- Backfill excavated areas
- Complete RACR





Site 31/33 Project Schedule



WORK PLANS	
Internal Draft Work Plans	August 29, 2013
Draft Work Plans	September 12, 2013
Final Work Plans	September 18, 2013
SITE 33	
Complete Site 33 field work	November 15, 2013
Submit Site 33 draft RACR	March 27, 2014
SITE 31	
Transport and dispose of Site 31 stockpiles	October 22, 2013
Perform Site 31 FSS	October 29, 2013
Submit Site 31 RACR	November 12, 2013
Completion Reports	January 20, 2014



Naval Station Treasure Island



Site 27 Update

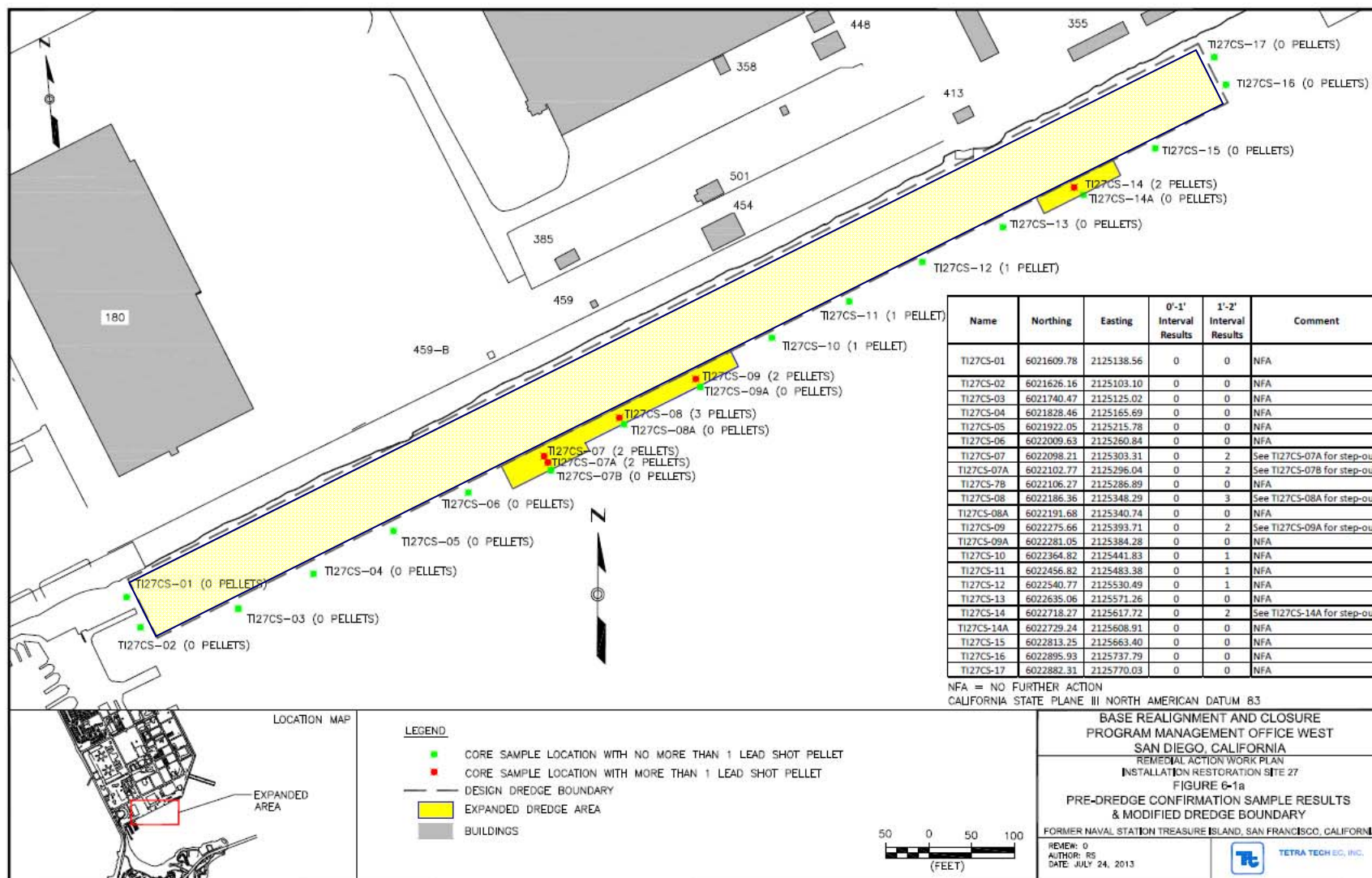
Jacques Lord, CEG

Remedial Project Manager
Support Contractor to NAVFAC BRAC PMO
BRAC Program Management Office West

August 21, 2013



Site 27 Lead Profiling for Dredge Spoils Disposition





Site 27 Field Work (TI Phase)



- Mobilization (~4 days): July 9-12
- Core Sampling and Analysis (~23 days): July 9
- Turbidity Curtain Installation (~8 days): August 12
- Focused Dredge (~23 days): August 19
- Transport to Alameda (~20 days): August 26
- Post Dredge Bathymetry (2 days): Sept 18





Site 27 Waste Characterization



- Coring samples were RAD screened and no Radium reported; Cesium at background levels
- RCRA Hazardous Waste Permit Requirements
 - Transportation of dredge spoils to Alameda will be part of the onsite implementation of the remedy
 - Substantive requirements will be met through waste characterization (see Attachment 5 of the Final RAWP)
 - Samples to be collected after drying is complete as most representative of material characteristics in the condition it will be used



Site 27 Waste Characterization



- Dredge spoils in drying beds to be profiled for the Alameda Site 1 Acceptance Criteria (defined in the ROD)
 - TPH
 - VOCs
 - SVOCs
 - PAHs
 - Pesticides
 - PCBs
 - Metals
 - Radium-226, Cesium-137, Strontium-90, Uranium



Site 27 Field Work (Alameda Phase)



- Sediment Dewatering (~30 days): August 26
- Backfill at TI (~24 days): September 19
- Transfer to Site 1 (~18 days): October 12
- Demobilization (~10 days): December 4



- Fish Window (July - October)
- Least Tern Nesting Season (March - July)
- Brown Pelican Season (July 1 - Sept 30)
- Biologist will be available at Alameda



Questions





Historical Radiological Assessment – Supplemental Technical Memorandum Update

**Treasure Island Naval Shipyard
August 21, 2013**



Additional Research



Continued Research:

- San Bruno National Archives
- College Park, MD Archives
- Former Naval Station Personnel – Interviews Planned
- Building 1 Records
- Other Misc Sources



Research Topics



- Site 12 – Housing grading history and details
- Outfalls – research specific outfalls and histories
- Incinerator – identify incinerated items, ash disposal
- Operation CROSSROADS – confirm ships were adequately Decontaminated before temporary berthing at TI
- Radium foils – research historical use of foils at TI



Additional Investigation



- Site 12 – Gamma Scan
- 1400 Series Housing Soil Sampling
- Sanitary and Storm Sewer Investigations



HRASTM Schedule



- 21 August 2013 – Discuss status of research with BCT
- 18 September 2013 – Discuss available preliminary Site 12 scoping survey results
- 16 October 2013 – Discuss additional Site 12 scoping survey results
- 19 February 2014 – Working meeting regarding redline strikeout HRASTM
- 28 February 2014 – Issue redline strikeout HRASTM; BCT 30-day review
- 28 March 2014 – Receive BCT comments
- 4 April 2014 – Resolve remaining BCT comments
- 18 April 2014 – Issue Final HRASTM



Questions?

Naval Station Treasure Island
Environmental Cleanup Program
Document Tracking Sheet
August 2013 - January 2014

Item		Document Title & Information	CTO/DO	INTERNAL DRAFT			Draft to Agencies	DRAFT						Priority Review	RTC		INTERNAL FINAL		FINAL	Comments						
				Internal Draft Due to Navy	Navy Comments Due	Date Due		DTSC	WATER BOARD	EPA	TIDA/TICD	RAB	OTHER		Preliminary RTCs to Agencies	Resolve and Concur on RTCs	Internal Final to Navy	Navy Comments Due	Final to Agencies							
Site 6																										
1	UST 240 Post-Construction Summary Report	0002	05/07/13	✓	05/21/13	✓	07/01/13	✓	08/05/13	✓		✓				08/26/13		09/09/13		09/19/13		10/03/13		10/17/13		TIDA (7/30), WB (8/7)
	RPM: Tony Konzen																									
	PM: Doug Bielskis, ERRG																									
2	Site 6 PP/Draft RAP	0038	07/09/13	✓	08/09/13	✓	08/23/13		09/22/13							10/20/13		11/03/13		11/19/13		11/29/13		12/13/13		
	RPM: Bryce Bartelma																									
	PM: Dennis Kelly, TriEco-Tt																									
Site 12																										
	Bayside/North Point Post-Construction Summary Report (Phase I)	0010	10/18/11	✓	02/27/12	✓	09/07/12	✓	10/29/12	✓		X	✓			03/07/13	✓	NA		05/09/13	✓	05/29/13	✓	07/24/13	✓	
	RPM: Tony Konzen		10/18/11	✓	02/27/12	✓	09/07/12	✓	10/29/12	✓		X	✓			03/07/13	✓	NA		05/09/13	✓	05/29/13	✓	07/24/13	✓	
	PM: Ulrika Messer, CB&I																									
3	SWDA A&B Post-Construction Summary Report (Phase I)	0010	10/25/12	✓	12/10/12	✓	01/28/13	✓	02/27/13	X						07/10/14		07/12/14		07/14/14		07/19/14		07/24/14		
	RPM: Tony Konzen		10/25/12	✓	12/10/12	✓	01/28/13	✓	02/27/13	X						07/10/14		07/12/14		07/14/14		07/19/14		07/24/14		
	PM: Ulrika Messer, CB&I																									
4	Site 12 Feasibility Study	:	08/08/13	✓	09/08/13		10/05/13		11/05/13							11/21/13		TBD		12/05/13		12/21/13		01/07/14		
	RPM: Tony Konzen		08/08/13	✓	09/08/13		10/05/13		11/05/13							11/21/13		TBD		12/05/13		12/21/13		01/07/14		
	PM: Doug Gilkey, KCH																									
5	SWDA A&B Post-Construction Summary Report (Phase II Hot Spots)	:	09/16/13		11/15/13		11/29/13		12/30/13							01/13/14		02/03/14		02/07/14		02/12/14		02/17/14		
	RPM: Tony Konzen		09/16/13		11/15/13		11/29/13		12/30/13							01/13/14		02/03/14		02/07/14		02/12/14		02/17/14		
	PM: Bill Dougherty, TIEC																									
6	SWDA A&B Post-Construction Summary Report (Phase II)	:	10/21/13		12/22/13		12/28/13		01/29/14							02/12/14		03/05/14		03/09/14		03/15/14		03/19/14		
	RPM: Tony Konzen		10/21/13		12/22/13		12/28/13		01/29/14							02/12/14		03/05/14		03/09/14		03/15/14		03/19/14		
	PM: Bill Dougherty, TIEC																									
7	Bigelow Court Removal Action Work Plan (RAWP)	:	08/21/13		09/04/13		09/11/13		09/25/13							TBD		TBD		10/02/13		10/09/13		10/16/13		
	RPM: Tony Konzen		08/21/13		09/04/13		09/11/13		09/25/13							TBD		TBD		10/02/13		10/09/13		10/16/13		
	PM: Ulrika Messer, CB&I																									
Site 21																										
8	Site 21 Land Use Control RD/RAWP	:	04/08/13	✓	05/08/13	✓	06/21/13	✓	07/22/13	✓	X	✓				08/26/13		TBD		NA		NA		08/28/13		
	RPM: Danielle Janda		04/08/13	✓	05/08/13	✓	06/21/13	✓	07/22/13	✓	X	✓				08/26/13		TBD		NA		NA		08/28/13		
	PM: Internal Navy																									
Site 24																										
	Phase III Treatability Study Report	:	04/05/13	✓	04/22/13	✓	05/02/13	✓	06/03/13	✓	✓	✓				07/01/13	✓	08/08/13	✓	NA		NA		08/16/13	✓	DTSC (5/31), TIDA (6/5), WB (6/12)
	RPM: Danielle Janda		04/05/13	✓	04/22/13	✓	05/02/13	✓	06/03/13	✓	✓	✓				07/01/13	✓	08/08/13	✓	NA		NA		08/16/13	✓	DTSC (5/31), TIDA (6/5), WB (6/12)
	PM: Neil Hey, CB&I																									

**Naval Station Treasure Island
Environmental Cleanup Program
Document Tracking Sheet
August 2013 - January 2014**

			INTERNAL DRAFT		DRAFT								RTC		INTERNAL FINAL		FINAL								
Item	Document Title & Information	C/O/DO	Internal Draft Due to Navy	Navy Comments Due	Draft to Agencies	Agency Comments						Priority Review	Preliminary RTCs to Agencies	Resolve and Concur on RTCs	Internal Final to Navy	Navy Comments Due	Final to Agencies	Comments							
						Date Due	DTSC	WATER BOARD	EPA	TIDA/TICD	RAB								OTHER						
Sites 31/33																									
9	Site 31 Remedial Action Work Plan Amendments	:	09/05/13	09/10/13	09/17/13	09/24/13							09/26/13	NA	09/26/13	09/28/13	10/01/13								
	RPM: Danielle Janda																								
	PM: John Baur, ITS!																								
10	Site 31 Remedial Action Completion Report	:	11/04/13	12/04/13	01/02/14	02/01/14							02/06/14	NA	02/06/14	02/12/14	02/19/14								
	RPM: Danielle Janda																								
	PM: John Baur, ITS!																								
11	Site 31 Final Status Survey Report	:	10/09/13	11/13/13	11/20/13	12/19/13							12/24/13	NA	12/24/13	12/31/13	01/06/14								
	RPM: Danielle Janda																								
	PM: John Baur, ITS!																								
12	Site 33 Remedial Action Completion Report	:	09/05/13	10/05/13	11/03/13	12/03/13							12/08/13	NA	12/08/13	12/14/13	12/21/13								
	RPM: Danielle Janda																								
	PM: John Baur, ITS!																								
Building 233																									
13	Building 233 Characterization and FSS Plan	0010	08/20/13		08/25/13	08/29/13	09/26/13							09/28/13	NA	09/29/13	09/30/13	10/01/13							
	RPM: Tony Konzen																								
	PM: Ulrika Messer, CB&I																								
14	Building 233 Final Status Survey Report	0010	11/27/13	12/25/13	01/09/14	02/05/14							02/27/14	03/26/14	03/28/14	03/30/14	04/02/14								
	RPM: Tony Konzen																								
	PM: Ulrika Messer, CB&I																								
Groundwater Monitoring																									
15	2012 Sites 6 and 12 Groundwater Report	:	03/31/13	✓	04/15/13	✓	05/02/13	✓	✓	✓	✓		07/22/13	✓	TBD	08/05/13	08/19/13	09/02/13	DTSC (6/3), RAB (6/3), TIDA (6/5), WB (6/24)						
	RPM: Danielle Janda																								
	PM: Greg Alyanakian, Trevet																								
16	2012 Sites 21 and 24 Groundwater Report	:	08/14/13		08/28/13	09/14/13	10/14/13						10/28/13	11/04/13	11/11/13	11/25/13	12/02/13								
	RPM: Danielle Janda																								
	PM: Greg Alyanakian, Trevet																								
17	2013 Sites 6, 12, 21, 24 GW & Soil Gas WP/SAP	:	06/06/13	✓	08/01/13	✓	08/28/13	09/25/13					10/09/13	10/16/13	10/27/13	11/03/13	11/10/13								
	RPM: Danielle Janda																								
	PM: Greg Alyanakian, Trevet																								
Other Reports																									
18	Historical Radiological Assessment Tech Memo	0003	05/30/12	✓	06/29/12	✓	08/06/12	✓	10/05/12	✓	✓	✓	✓	✓	01/18/13 02/28/14	✓	03/28/14	04/04/14	04/11/14	04/18/14	Document on-hold pending upcoming Site 12 characterization survey and soil sample results				
	RPM: David Clark																								
	PM: Marcie Rash, TriEco-Tt																								
	TI Radiological Management Plan	0006	01/07/13	✓	02/19/13	✓	04/12/13	✓	05/12/13	✓		✓			07/01/13	✓	07/17/13	✓	07/18/13	✓	07/25/13	✓	08/01/13	✓	TIDA (5/14), DTSC (5/17) SAP Cmts: EPA (6/3), TIDA (6/3)
	RPM: Danielle Janda																								
	PM: John Baur, ITS!																								
20	2013 Site Management Plan	0003	03/27/13	✓	05/06/13	✓	07/31/13	✓	08/30/13						09/10/13		TBD		10/05/13	10/16/13	10/27/13				
	RPM: Danielle Janda																								
	PM: Marcie Rash, TriEco-Tt																								

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Environmental Cleanup Program
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August 2013 - January 2014**

			INTERNAL DRAFT		DRAFT							RTC		INTERNAL FINAL		FINAL									
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						Date Due	DTSC	WATER BOARD	EPA	TIDA/TICD								RAB	OTHER						
Other Reports (Continued)																									
21	Community Relations Plan Update	0038	09/09/13		10/07/13		11/02/13		12/02/13						12/14/13		12/19/13		01/09/14		01/23/14		02/06/14		
	RPM: Keith Forman																								
	PM: Marcie Rash, Tetra Tech																								
22	Various Radiological Surveys Summary Report / Final Status Survey	0006	12/16/13		03/07/14		03/14/14		04/13/14						05/02/14		NA		05/16/14		05/30/14		06/13/14		
	RPM: Danielle Janda																								
	PM: John Baur, ITS																								

- ✓ Production or review of document is complete.
- X Received notification of no comments or comments deferred to other agency.

Abbreviations:

CTO/DO = Contract task order/delivery order
DTSC = Department of Toxic Substances Control
EPA = U.S. Environmental Protection Agency
FS = Feasibility study
FSS = Final status survey
HHRA = Human health risk assessment
LUC = Land use control
NA = Not applicable
NTCRA = Non-time critical removal action

PCB = Polychlorinated biphenyls
PM = Project manager
PP = Proposed plan
RAP = Remedial action plan
RASO = Radiological Affairs Support Office
RD = Remedial Design
RAWP = Remedial Action Work Plan
RI = Remedial investigation
ROD = Record of decision

RPM = Remedial project manager
SAP = Sampling and analysis plan
SWDA = Solid waste disposal area
TBD = To be determined
TICD = Treasure Island Community Developers
TIDA = Treasure Island Development Authority
UST = Underground storage tank
Water Board (WB) = Regional Water Quality Control Board
WP = Work Plan

Grey shading indicates the document is finalized.

Blue shading indicates agency review comments are due within the next 30 days or are outstanding.

Yellow shading indicates documents that will be issued draft or final within the next 30 days.

**Naval Station Treasure Island
Navy Field Schedule
August 2013 - January 2014**

Item	Activity and Investigation Area	Field Dates	Navy RPM	Complete
Site 12				
1	SWDA A&B (Phase I) - Non-Time Critical Removal Action and Buildings 1123 and 1321 Demolition	Start: 02/26/07 Finish: 05/23/14	Tony Konzen (619) 532-0924	
2	SWDA A&B (Phase II) - Site 12 Hot Spots and Buildings 1121 and 1323 Demolition	Start: 05/15/13 Finish: 09/27/13	Tony Konzen (619) 532-0924	
Site 27				
3	Site 27 Remedial Action	Start: 07/09/13 Finish: 12/04/13	Jacques Lord (619) 532-0902	
Sites 31/33				
4	Sites 31/33 Remedial Action	Start: 02/02/12 Finish: 03/31/14	Danielle Janda (619) 532-0796	
Building 233				
5	Building 233 Debris Screening / Final Status Survey	Start: 01/30/12 Finish: 04/11/14	Tony Konzen (619) 532-0924	
Groundwater Monitoring				
6	Sites 6, 21, 24 - Groundwater/Soil Gas Sampling <i>Sites 6, 21, and 24</i>	Start: 09/16/13 Finish: 09/25/13	Danielle Janda (619) 532-0796	
7	Site 6 - Groundwater Sampling <i>Site 6</i>	Start: 12/02/13 Finish: 12/02/13	Danielle Janda (619) 532-0796	
Other				
8	Scoping Surveys - Various Sites <i>Building 3, Sites 12, 32, and roads between Sites 6 and 12; and Waste Utilities at Bldgs 3, 7, and 233</i>	Start: 08/01/13 Finish: 11/29/13	Danielle Janda (619) 532-0796	

Abbreviations:

-- Not applicable, there is no associated documentation listed on the DTS.
 CTO/DO Contract task order/delivery order
 DTS # The number listed corresponds to the associated documentation listed on the Document Tracking Sheet.
 RPM Remedial project manager
 SWDA Solid waste disposal area
 TBD To be determined
 UST Underground storage tank

✓ Field work is complete.

Yellow shading indicates field activities that will start or finish within the next 30 days.

Grey shading indicates field activities are complete.

TREASURE ISLAND BCT ACTION ITEMS
August 21, 2013

Item	Action Item	Lead	Due Date	Revised Due Date	Completed	Comments
RADIOLOGICAL						
	Navy to provide schedule of verification surveys at Site 12 with CDPH RHB (Kent Pendergast).	Navy <i>Tony Konzen</i>	07/31/13		✓	CDPH RHB completed verification survey
MISCELLANEOUS						
	Tommie Jean Valmassy will send CIP interview questions to Bob Beck; he will supply contact information for residential interviewees, if possible.	Tetra Tech <i>Tommie Jean Valmassy</i>	07/31/13		✓	No additional residential interviewees were identified.
1	Ms. O'Sullivan will update and distribute the BCT contact list.	Tetra Tech <i>Jessica O'Sullivan</i>	08/28/13			As noted during the July 2013 BCT meeting.

Notes:

✓ Gray shading and/or check mark indicates action item is complete.
 BCT Base Realignment and Closure Cleanup Team
 CDPH California Department of Public Health
 DTSC Department of Toxic Substances Control
 RAB Restoration Advisory Board
 RASO Radiological Affairs Support Office

RI Remedial Investigation
 RTC Response to comments
 SF PUC San Francisco Public Utilities Commission
 TBD To be determined
 TIDA Treasure Island Development Authority
 YBI Yerba Buena Island